

**REMARKS**


Entry of this Amendment in accordance with the provisions of 37 CFR §1.114 is respectfully requested, noting that this Amendment is being filed as a Submission with a Request for Continued Examination (RCE) on even date herewith.

This Amendment is in response to the Final Office Action dated February 11, 2008. By the present Amendment, the original claims 1-10 have been canceled and replaced with new claims 11-22. Like the previously pending claims 1-10, the new claims 11-22 are device claims reciting detailed features of a memory controller or a memory control unit. It is noted that the new claims 11-22 have been drafted in terms of an LSI including a central processing unit and such a memory controller or a memory control unit to thereby claim the invention in terms of an LSI including the central processing unit and the memory controller or the memory control unit. The new claims then go on to define features of the structure and operation of the memory controller operating in response to a request for access from the central processing unit, similarly to the operation defined in the original claims 1-10 in terms of the means for receiving a request for access from a processor. In addition, the new independent claims 11, 15 and 19 further define the operation of advanced precharging of a page to be accessed subsequently before accessing of an activated page. It is respectfully submitted that these features, together with the other features defined in the independent claims 11, 15 and 19, as well as the dependent claims, serve to patentably define the features of the present invention over the prior art cited in rejecting the previously pending claims 1-10. Accordingly, entry of this amendment and allowance of the newly presented claims 11-22 is earnestly solicited.

If the Examiner determines that there are any matters which can be resolved by way of either a personal or telephone interview, the Examiner is invited to contact Applicants' undersigned attorney at the number indicated below.

To the extent necessary, Applicants petition for an extension of time under 37 CFR 1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to the Antonelli, Terry, Stout & Kraus, LLP Deposit Account No. 01-2135 (Docket No. 500.40687CX1), and please credit any excess fees to such deposit account.

Respectfully submitted,  
**ANTONELLI, TERRY, STOUT & KRAUS, LLP.**

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